

FEMMES UChicago

We seek to engage middle school girls in hands-on activities in the field of computer science in an effort to close the technology gender gap.

<http://csunplugged.org/videos/>

Has videos for computer science concepts, including algorithms.

<https://code.org/learn>

A self-paced code learning site that has specific curriculum for middle schoolers.

<https://www.codecademy.com/>

A self-paced code learning site that has longer projects in multiple languages, is more advanced than code.org curriculum for middle schoolers.

<http://www.stemkidschicago.com/>

A blog that lists STEM events around Chicago for middle school aged children.

<https://scratch.mit.edu/>

Has the scratch program, which can be downloaded to desktop and used offline. Scratch is a click-and-drag programming language that is very visual.

<https://learnxinyminutes.com/>

Has a review of multiple programming syntaxes, in various spoken languages.